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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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08/856,116 05/14/97 CHEN

F AMAT/1931

EXAMINER

MM21/0204

SOLIW, R	ART UNIT	PAPER NUMBER
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2814

DATE MAILED:

02/04/99

PATENT COUNSEL
APPLIED MATERIALS INC
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Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary	Application No. 08/856,116	Applicant(s) Fusen Chen et al.
	Examiner Bernard Souw	Group Art Unit 2814

Responsive to communication(s) filed on Oct 15, 1997

This action is **FINAL**.

Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle* 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire _____ month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claim

Claim(s) 1-20 is/are pending in the application

Of the above, claim(s) _____ is/are withdrawn from consideration

Claim(s) _____ is/are allowed.

Claim(s) _____ is/are rejected.

Claim(s) _____ is/are objected to.

Claims 1-20 are subject to restriction or election requirement.

Application Papers

See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

The drawing(s) filed on _____ is/are objected to by the Examiner.

The proposed drawing correction, filed on _____ is approved disapproved.

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All Some* None of the CERTIFIED copies of the priority documents have been

received.

received in Application No. (Series Code/Serial Number) _____.

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

Notice of References Cited, PTO-892

Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

Interview Summary, PTO-413

Notice of Draftsperson's Patent Drawing Review, PTO-948

Notice of Informal Patent Application, PTO-152

— SEE OFFICE ACTION ON THE FOLLOWING PAGES —

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 19, drawn to an apparatus, classified in class 29, subclass 25.01.
 - II. Claims 1-18 and 20, drawn to a method of making a semiconductor device, classified in class 438, subclass 643.
2. The inventions are distinct, each from the other because of the following reasons:
3. Inventions I and II, as above grouped, are related as process and apparatus for its practice. The inventions are distinct if either or both of the following can be shown:
 - (1) that the process as claimed can be practiced by another materially different apparatus, or (2) that the apparatus as claimed can be used to practice another and materially different process (MPEP § 806.05(e)). In the instant case the apparatus could be used for forming metal patterns on a substrate board for receiving the IC chip. Alternatively, the apparatus could be used for forming contacts for field emission cathode arrays.
4. Applicant is advised that the response to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).
5. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a petition under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(I).
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bernard Souw whose telephone number is (703) 305-3303. The fax number is (703) 308-7722 or -7724.

Serial Number 08/856,116

Fusen Chen et al.

Art Unit: 2814

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7. Papers related to this application may be submitted directly to Art Unit 2814 by facsimile transmission. Papers should be faxed to Art Unit 2814 via the Technology Center 2800 fax center located in Crystal Plaza 4, room 4C23. The faxing of such papers must conform with the notice published in the Official Gazette, 1096 OG 30 (15 November 1989).
8. Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center 2800 receptionist at (703) 308-0956.



Olik Chaudhuri
Supervisory Patent Examiner
Technology Center 2800

The drawings submitted with this application were declared informal by the applicant. Accordingly they have not been reviewed by a draftsperson at this time. When formal drawings are submitted, the draftsperson will perform a review.

Direct any inquiries concerning drawing review to the Drawing Review Branch (703) 305-8404.